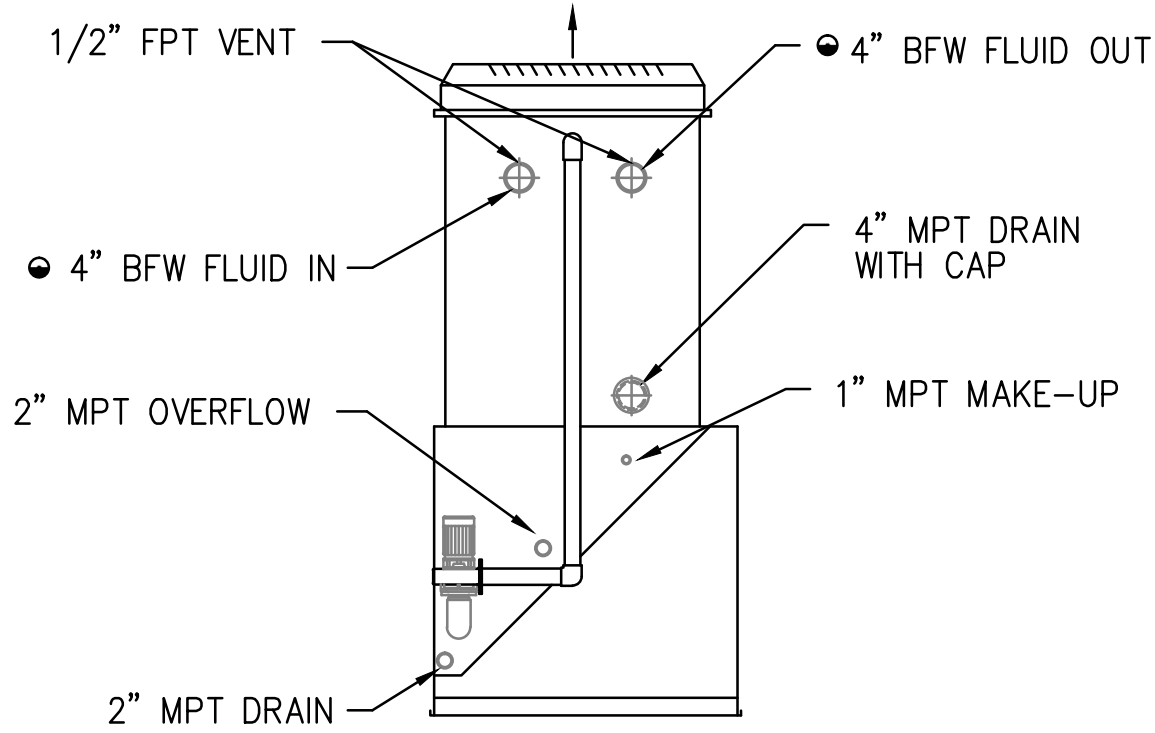


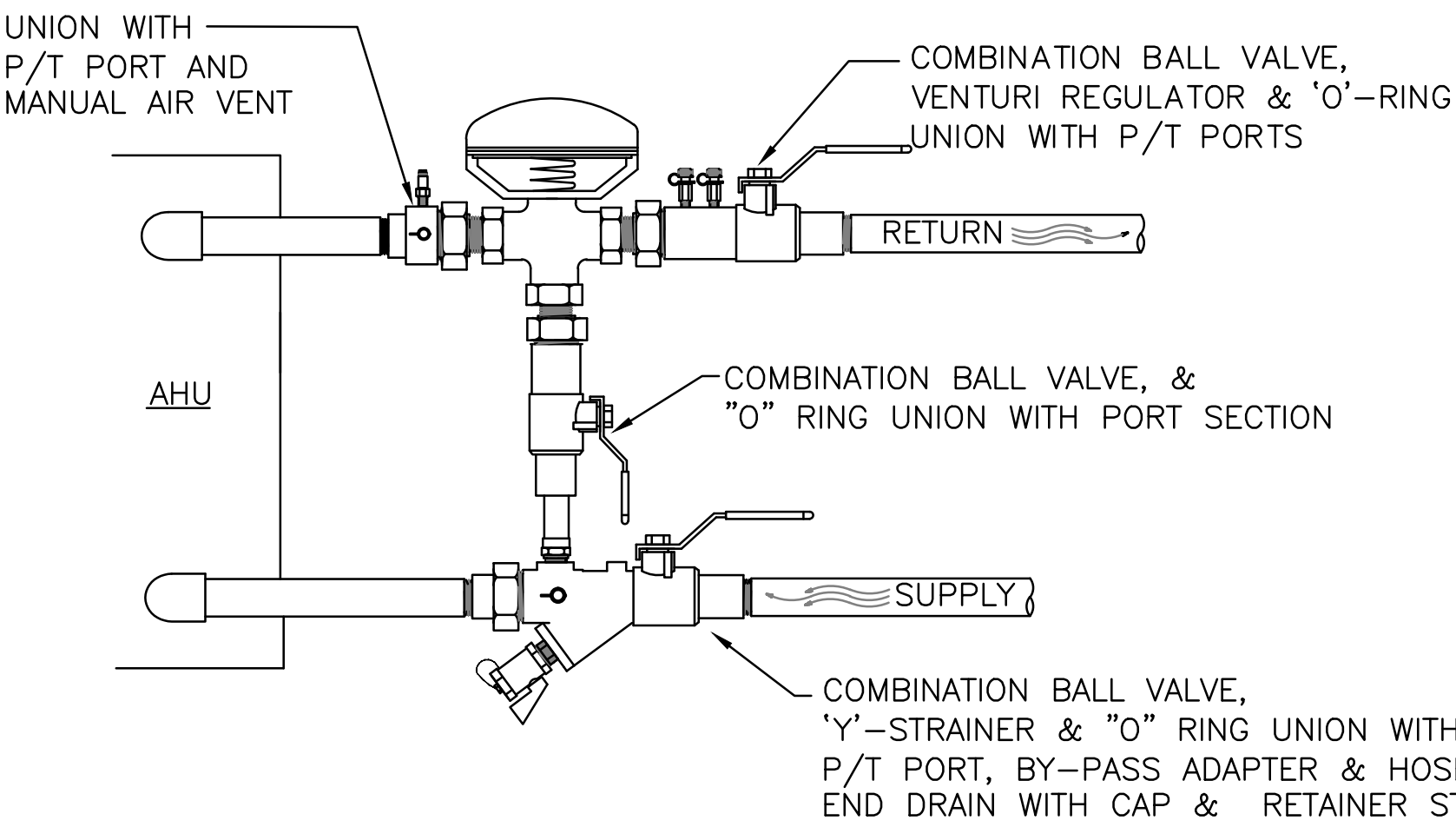
NOTE:

BASE BID DESIGN:
MECHANICAL COOLING TOWER AND BOILER
SYSTEM WITH WATER TO WATER HEAT
PUMPS, ASSOCIATED PUMPS, PIPING AND
CONTROLS.

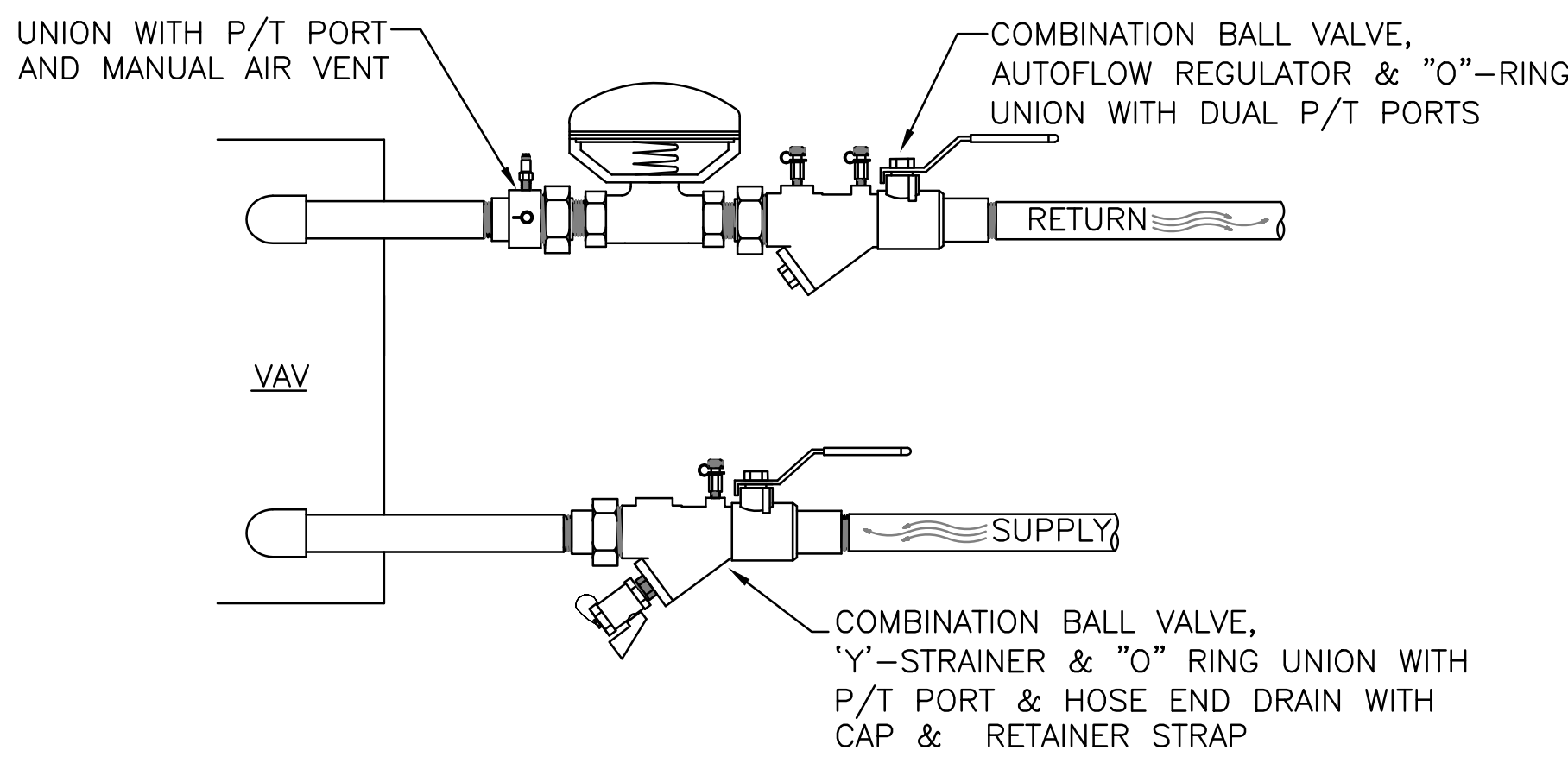
ALTERNATE BID DESIGN:
GEO THERMAL SYSTEM WITH WATER TO
WATER HEAT PUMPS, ASSOCIATED PUMPS,
PIPING AND CONTROLS.



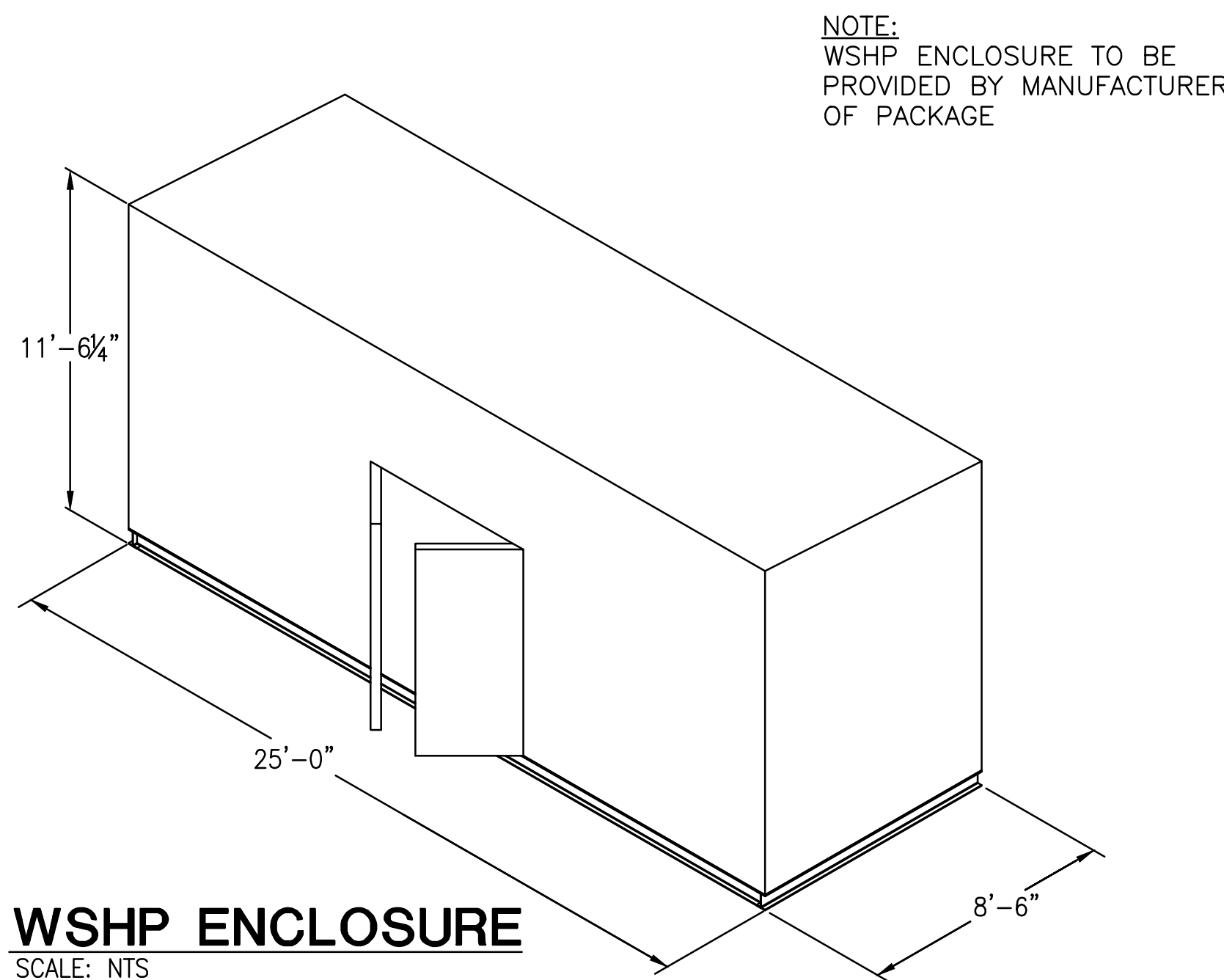
5 COOLING TOWER DETAIL
SCALE: NTS



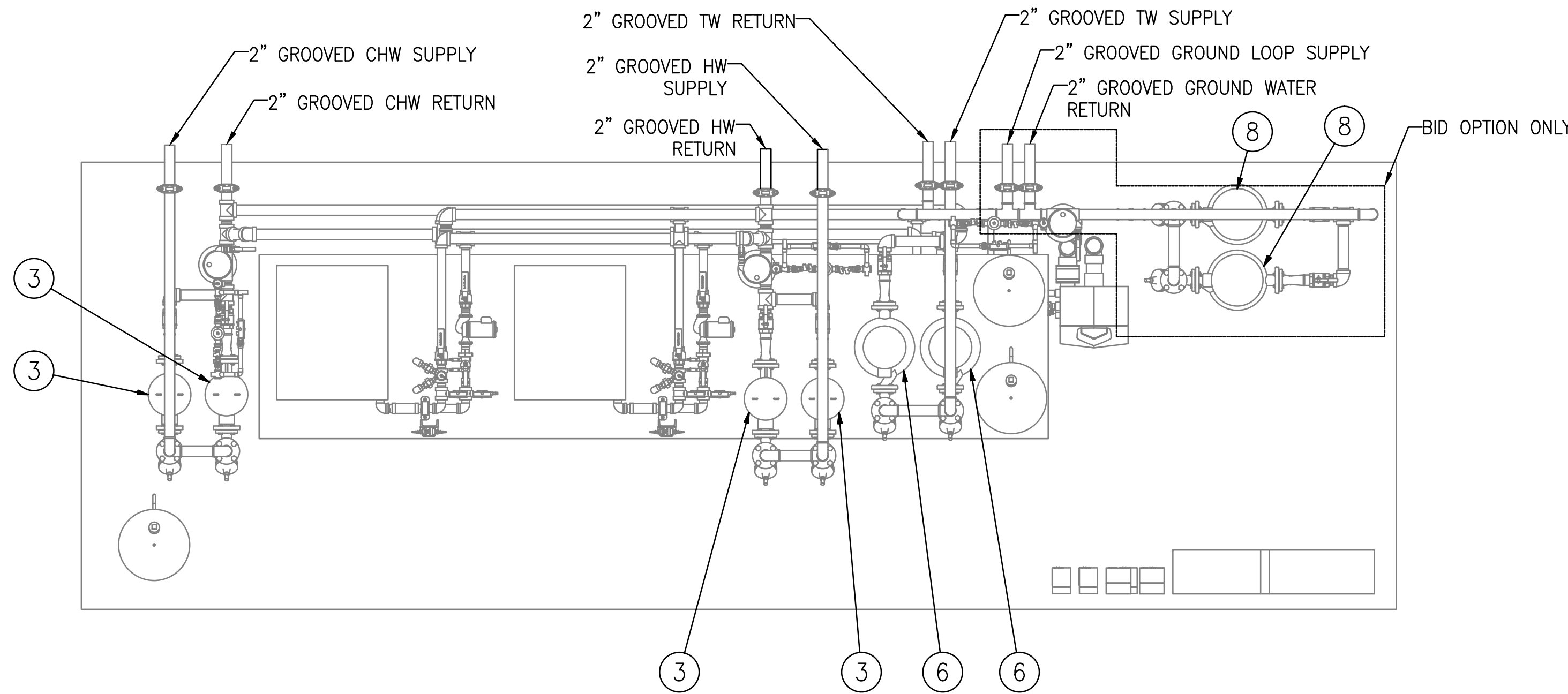
3 3-WAY COILS AUTOMATIC BALANCED
SCALE: NTS
AIR HANDLER CHILLED WATER COIL



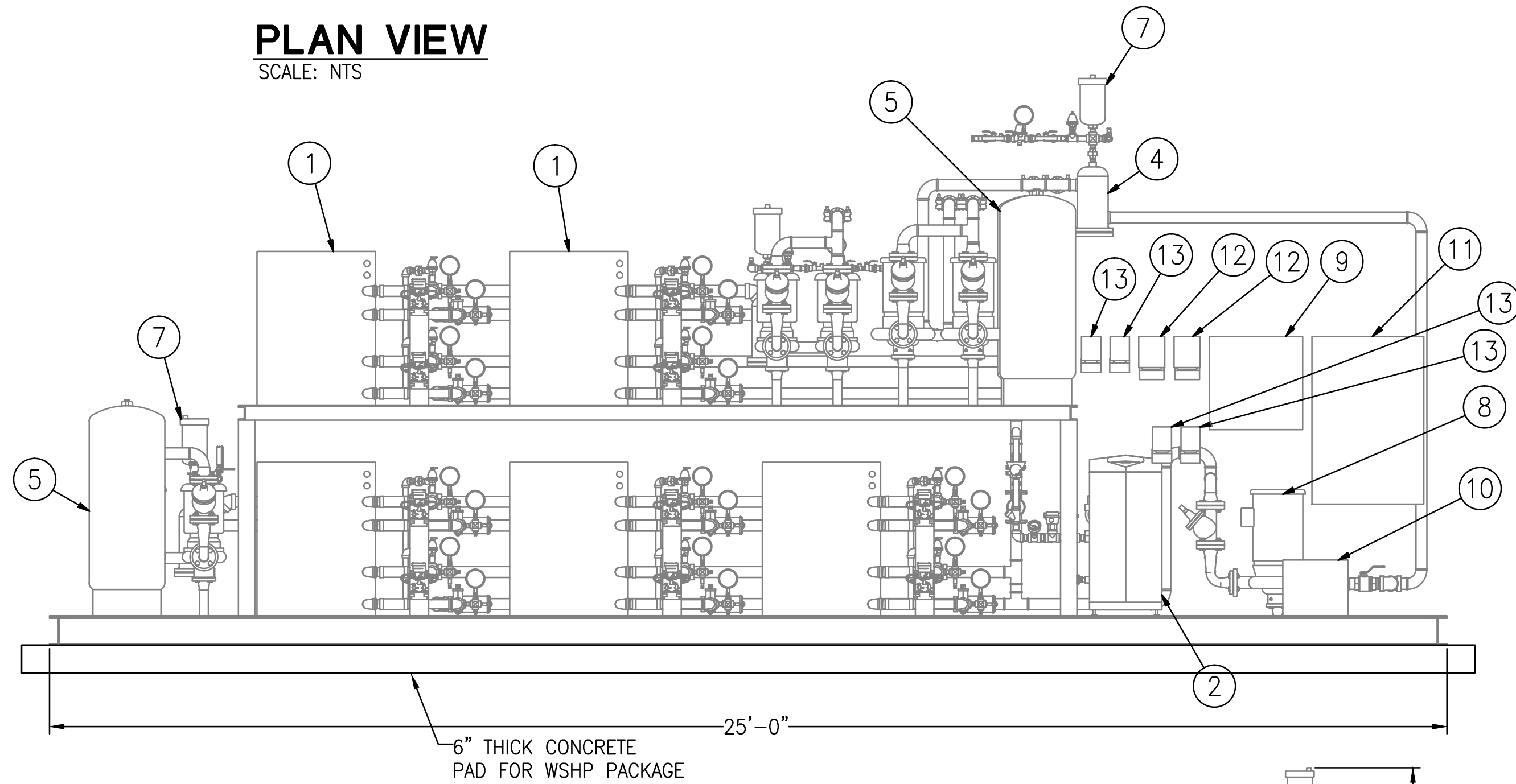
4 2-WAY COILS AUTOMATIC BALANCED
SCALE: NTS
VAV HOT WATER COIL



NOTE:
WSHP ENCLOSURE TO BE
PROVIDED BY MANUFACTURER
OF PACKAGE



PLAN VIEW
SCALE: NTS

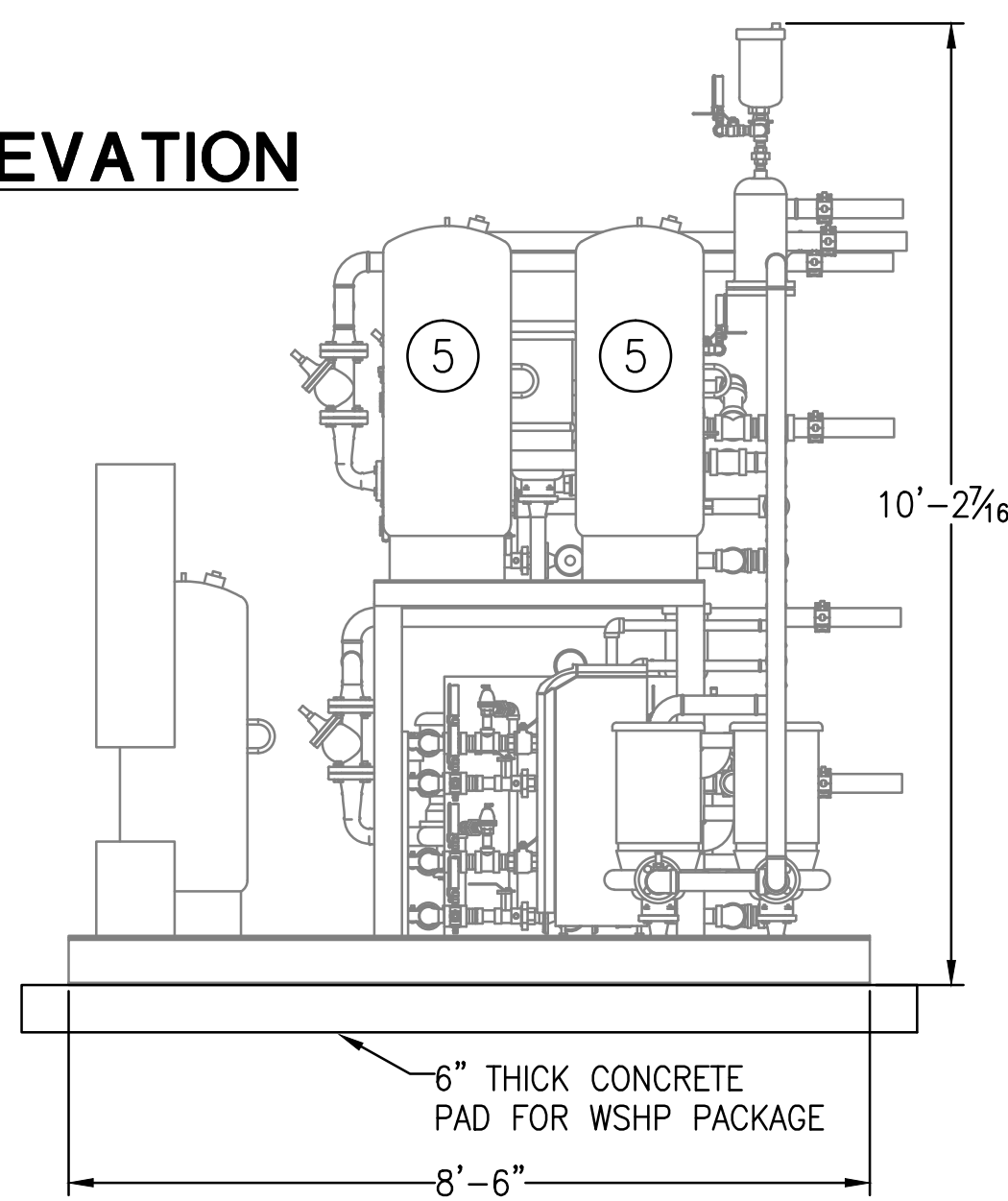


SIDE ELEVATION
SCALE: NTS

BASIS OF DESIGN. PROVIDE INDICATED EQUIPMENT OR EQUIPMENT OF EQUAL PERFORMANCE, CAPACITY AND QUALITY.

PARTS LIST		
ITEM	QTY	DESCRIPTION
1	5	CLIMATE MASTER TMW036 WSHP
2	1	LOCHINVAR KBN 106 BOILER
3	4	B&G MODEL 80 1.5x1.5x7B 1.5HP 145
4	3	B&G MODEL RL-2 AIR SEPARATOR
5	3	B&G SERIES D60V DIAPHRAGM TANK
6	2	SERIES 80 1.5x1.5x9.5 143 FRAME 1HP
7	3	B&G MODEL 107A AIR VENT
8	2	SERIES 80 1.5x1.5x9.5 184 FRAME 5HP
9	1	LOAD CENTER
10	1	TRANSFORMER
11	1	SPP LOAD CENTER
12	2	ALTIVAR 212 VFD, 5HP, 3/60/480
13	4	ALTIVAR 212 VFD, 1.5HP, 3/60/480

* BASE BID OPTION ONLY
** OPTION BID OPTION ONLY



END ELEVATION
SCALE: NTS

2 WSHP PACKAGE DETAILS
SCALE: NTS

FINAL SUBMISSION
APRIL 18, 2012

IF SHEET IS LESS THAN (30"x42") IT IS
A REDUCED PRINT; SCALE ACCORDINGLY

M501



BES DESIGN/BUILD 766 MIDDLE ST., PANAMA, FL 32401 ARCH. & ENGR. SEAL FLORIDA BES DESIGN/BUILD LLC No. 29795 STATE OF FLORIDA PROFESSIONAL ENGINEER	NATURAL RESOURCES & ENVIRONMENTAL AFFAIRS SATISFACTORY TO DATE	P.W. DWG. NO.	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND PANAMA CITY, FLORIDA
	SAFETY DEPARTMENT SATISFACTORY TO DATE	DRAWN BY R. LONDOÑO	PANAMA CITY JOINT OUTPATIENT CLINIC NAVAL GULF COAST HEALTH CARE
	FIRE DEPARTMENT SATISFACTORY TO DATE	CHECKED BY R. DeLOACH	MECHANICAL HVAC RISER DIAGRAM & DETAILS
	PUBLIC WORKS SUPERVISOR SATISFACTORY TO DATE	SUPERVISOR B. COFFMAN	SIZE F
		APPROVED DATE	CODE IDENT. NO. N/A
	PUBLIC WORKS OFFICER	SCALE	MACC. T.O.# SHEET 8 OF 12